

Claims

1. Roller receiving device for a packaging system for fluids, the packaging system comprising: a container (10) for receiving a fluid; a roller (12) and a roller receiving device (2) for receiving the roller (12) and for holding the roller (12) on the container (10), **characterized in that** the roller receiving device (2) has a first part (26) for receiving the roller (12), as well as a second part (28), different from the first part and held on the first part (26), the first part (26) forming a first sealing segment (48) for sealing the roller receiving device (2) relative to the container (10), and the second part (28) forming a first holding segment (66) for forming a locking connection (70) between the roller receiving device (2) and the container (10).
2. Roller receiving device as recited in Claim 1, **characterized in that** the first part (26) is made from a different material than is the second part (28).
3. Roller receiving device for a packaging system for fluids, the packaging system comprising: a container (10) for receiving a fluid; a roller (12) and a roller receiving device (2) for receiving the roller (12) and for holding the roller (12) on the container (10), in particular as recited in one of the preceding claims, **characterized in that** the roller receiving device (2) forms a first sealing segment (48) for sealing the roller receiving device (2) relative to the container (10), and forms a first holding segment (66) for the formation of a locking connection (70) between the roller receiving device (2) and the container (10), the first sealing segment (48) and the first holding segment (66) being functionally separate and/or situated at a distance from one another and/or essentially decoupled from one another.
4. Roller receiving device, in particular as recited in one of the preceding claims, **characterized in that** the first part (26) for receiving the roller (12) is made of a soft material, in particular PE, and the second part (28) held thereon, which forms a first holding segment (66) for the formation of a locking connection (70) between the roller receiving device (2) and the container (10), is made of a hard material, in particular PP.

5. Roller receiving device as recited in one of the preceding claims, **characterized in that** the first part (26) is essentially closed around its periphery, and forms, essentially radially on its inside, an area (34) for receiving the roller (12).

6. Roller receiving device as recited in one of the preceding claims, **characterized in that** the first part (26) is essentially closed around its periphery.

7. Roller receiving device as recited in one of the preceding claims, **characterized in that** the second part (28) is held radially outwardly on the first part (26) and/or is held captively in the first part (26) in the axial direction.

8. Roller receiving device as recited in one of the preceding claims, **characterized in that** the first sealing segment (48) is formed by a plurality of peripheral fins or sealing lips that protrude radially outward from the first part (26) and are situated at a distance from one another axially.

9. Roller receiving device as recited in one of the preceding claims, **characterized in that** the first sealing segment (48) of the roller receiving device (2) is situated in the axial direction on the side facing the container of the first holding segment (66) of the roller receiving device (2).

10. Roller receiving device as recited in one of the preceding claims, **characterized in that** in the area of the first holding segment (66) between the second part (28) and the first part (26), a radial intermediate space (90), in particular radial play, is provided, and/or on the end (92) facing the container of the second part (28) an axial intermediate space (94), in particular axial play, is provided between the second part (28) and the first part (26), in particular in order to achieve a decoupling of the first sealing segment (48) from the first holding segment (66) such that, given possible deformations caused by operation or assembly of the roller receiving device (2) assembled on the container (10) in the area of the first holding segment (66), the sealing effect is maintained in the area of the first sealing segment (48).

11. Roller receiving device as recited in one of the preceding claims, **characterized in that** the first holding segment (66) of the roller receiving device (2) is formed by at least one surface profile raised part that is in particular peripherally continuous, and/or at least one surface profiling recess that is in particular peripherally continuous.

12. Roller receiving device as recited in one of the preceding claims, **characterized in that** the end area, facing away from the container interior (78), of the first part (26) of the roller receiving device (2) is formed by a wall segment (46) that is concavely curved radially inwardly.

13. Packaging system having a container (10) for receiving a fluid, having an opening (72) and having a roller receiving device (2) for receiving a roller (12), and having a roller (12), held in movable fashion by this roller receiving device (2), for dispensing fluid from the interior of the container, the roller receiving device (2) being held on the container (10) by a locking connection (70), and being sealed relative to the container (10), **characterized in that** a sealing device that is different from and/or essentially decoupled from this locking connection (70) is provided for the sealing of the roller receiving device (2) relative to the container (10).

14. Packaging system, in particular as recited in Claim 13, having a roller receiving device (2) as recited in one of Claims 1 to 12.

15. Packaging system as recited in one of Claims 13 and 14, **characterized in that** the container (10) has a second holding segment (68), in particular formed by at least one raised profile part that is preferably peripherally continuous, and/or by at least one profiling recess that is preferably peripherally continuous, this segment forming, in cooperation with the first holding segment (66) of the roller receiving device (2), the locking connection (70) via which the roller receiving device (2) is held on the container (10).

16. Packaging system as recited in one of Claims 13 to 15, **characterized in that** on a jacket wall (54) of the container (10) a second sealing segment (52) is provided that, in cooperation with the first sealing segment (48) of the roller receiving device (2),

forms the sealing device (70) for sealing the roller receiving device (2) relative to the container (10).

17. Packaging system as recited in one of Claims 13 to 16, **characterized in that** a sealable cover (14), in particular a sealing cap, is provided that is preferably removable.

18. Packaging system as recited in Claim 17, **characterized in that** the cover (14) has a transport securing device (20) for the roller (12), preferably formed as a web, in particular an annular web, for the additional securing of the roller (12) in the roller receiving device (2) when the cover (14) is closed.

19. Packaging system as recited in one of Claims 17 and 18, **characterized in that** the cover (14) has a pressure device (22), preferably fashioned as a web, in particular an annular web, for the sealing pressing of the first part (26) of the roller receiving device (2) against the roller (12) when the cover (14) is closed.

20. Packaging system as recited in one of Claims 13 to 19, **characterized in that** the container (10) has a one-piece construction.